



11K - 5-28-96

PATENT
Attorney Docket No. 2718US

CERTIFICATE OF MAILING (under 37 C.F.R. § 1.10 if checked)

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Joseph A. Walkowski
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: ~~Unknown~~ Kirkpatrick

Group Art Unit No. 1107

Applicant(s): Michael B. Ball

Filing date: February 20, 1996

Serial No.: 08/602,503

For (title): FLIP CHIP AND CONVENTIONAL STACK

COMMUNICATION TRANSMITTAL

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed for filing in connection with the above-identified patent application, and submitted in the order listed, are:

- ☒ Postcard receipt acknowledgment (attached to the front of this transmittal).
☒ Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16. Any such fees may be charged to deposit account no. 20-1469.
☐ Check no. in the amount of \$ for the presentation of extra claims as calculated in the remarks section below.
☐ Preliminary amendment.
☐ Amendment or other communication in response to the non-final office action mailed.
☐ Amendment or other communication under 37 C.F.R. § 1.116 in response to the final office action mailed.
☐ Petition for Extension of Time in duplicate with check no. in the amount of \$.
☐ Verified statement(s) to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27 signed by (or on behalf of).
☒ Information disclosure statement and information disclosure citation form PTO-1449 with copies of listed documents.
☐

Remarks:

- ☐ An amendment has been made involving one or more claims in the application. The calculation to determine whether any additional fee is due is presented below.

	1	2	3	\$EXTRA
Total claims	-	=	x 22.00 =	
Indep. claims	-	=	x 78.00 =	
First presentation of a multiple dep. claim (+250.00)				
SUBTOTAL				
Reduction for small entity - 50% of subtotal*				
TOTAL ADDITIONAL FEE (subtotal minus any reduction)				

*Verified statement(s) must be attached to support this reduction if small entity status has not been previously established.

- 1 Claims remaining after amendment.
2 Highest number of claims previously paid for. Not less than 20 for total claims and 3 for independent claims.
3 Difference between claims remaining and highest number previously paid for. If less than zero, enter "0."

- ☒ The commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to deposit account no. 20-1469 during the entire pendency of this application.

Respectfully submitted,

[Signature]
Joseph A. Walkowski
Reg. No. 28,765
FRASK, BRITT & ROSSA
P.O. Box 2550
Salt Lake City, UT 84110-2550
(801) 532-1922

Date: May 20, 1996
Enclosures: As identified above

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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GROUP 1100

In re Application of:

Michael B. Ball

Serial No.: 08/602,503

Filed: February 20, 1996

**For: FLIP CHIP AND CONVENTIONAL
STACK**

Examiner: Unknown

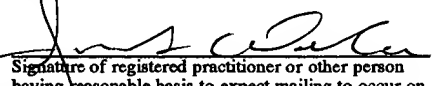
Group Art Unit: 1104

Attorney Docket No.: 2718US

CERTIFICATE OF MAILING

I hereby certify that this paper or fee along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

May 20, 1996
Date of Deposit


Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Joseph A. Walkowski
Typed/printed name of person whose signature is contained above

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

DOCUMENTS

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
5,012,323	04/30/91	Farnworth
5,128,831	07/07/92	Fox, III et al.
5,291,061	03/01/94	Ball
5,322,207	06/21/94	Fogal et al.
5,323,060	06/21/94	Fogal et al.
5,399,898	03/21/95	Rostoker
5,422,435	06/06/95	Takiar et al.
5,434,745	07/18/95	Shokrgozar et al.
5,483,024	01/09/96	Russell et al.

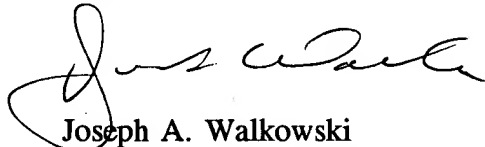
Other Documents

H.K. Charles, Jr., *Electrical Interconnection*, Electronic Materials Handbook™, Vol. 1, Packaging, pages 224-236 (November 1989).

Applicant offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



Joseph A. Walkowski
 Registration No. 28,765
 Attorney for Applicant
 TRASK, BRITT & ROSSA
 P. O. Box 2550
 Salt Lake City, Utah 84110-2550
 Telephone: (801) 532-1922

Date: May 20, 1996

JAW/jml

Enclosures: Form PTO-1449

Copy of documents cited

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